



IFW

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 10-23-04 Signature: Carol Mitchell
(Carol Mitchell)

Docket No.: 53807-00035USPT
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gerrit Smit

Application No.: 10/603469

Group Art Unit: 2631

Filed: June 25, 2003

Examiner: Not Yet Assigned

For: METHOD AND SYSTEM FOR
CONCURRENT ESTIMATION OF
FREQUENCY OFFSET AND MODULATION
INDEX

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

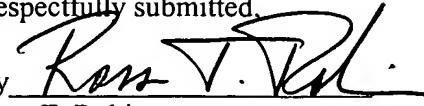
1. Information Disclosure Statement;
2. IDS (Citation) by Applicant (references AA-AB; BA; CA-CC); and
3. Acknowledgment Postcard.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

application by this firm) to our Deposit Account No. 10-0447, under Order No. 53807-00035USPT. A duplicate copy of this paper is enclosed.

Dated: June 25, 2004

Respectfully submitted,

By 
Ross T. Robinson

Registration No.: 47,031
JENKENS & GILCHRIST, A PROFESSIONAL
CORPORATION
1445 Ross Avenue, Suite 3200
Dallas, Texas 75202
(214) 855-4500
Attorneys For Applicant



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 6-25-04 Signature: Carol Mitchell
(Carol Mitchell)

Docket No.: 53807-00035USPT
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gerrit Smit

Application No.: 10/603469

Confirmation No.: 3222

Filed: June 25, 2003

Art Unit: 2631

For: METHOD AND SYSTEM FOR
CONCURRENT ESTIMATION OF
FREQUENCY OFFSET AND
MODULATION INDEX

Examiner: N. Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any

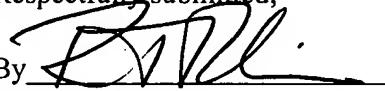
patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 53807-00035USPT. A duplicate copy of this paper is enclosed.

Dated: June 25, 2004

Respectfully submitted,

By 
Ross T. Robinson

Registration No.: 47,031
JENKENS & GILCHRIST, A PROFESSIONAL
CORPORATION
1445 Ross Avenue, Suite 3200
Dallas, Texas 75202
(214) 855-4500
Attorneys For Applicant



Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/603469-Conf. #3222
				Filing Date	June 25, 2003
				First Named Inventor	Gerrit Smit
				Art Unit	2631
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	53807-00035USPT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA	US-5,062,123	10-29-1991	Geile et al.		
AB	US 2001/0031022	10-18-2001	Petrus et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BA	EP 0 671837	09-13-1995	Fumiuki Adachi et al.		T ⁶

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	CA	Data-Aided Noncoherent Demodulation of DPSK; by Harry Leib; IEEE Transactions on Communications, Vol. 43, No. 2/3/4; February/March/April 1995; Pages 722-724.			
	CB	Digital Phase Modulation; by John B. Anderson et al.; Signal Analysis and an Overview of Modulation Methods; 3 Pages.			
	CC	Differential Detection with IIR Filer for Improving DPSK Detection Performance by NAOKAZU HAMAMOTO; IEEE Transactions on Communications, Vol. 44, No. 8 (August 1996); Pages 959-965.			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--